

Lucas Nyugen
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Availability: Jan - June 2025

EDUCATION

Northeastern University, College of Engineering
B.S.CmpE in Computer Engineering

August 2023 - May 2027
GPA: 3.8/4.0 | **Dean's List**

Relevant Courses: Algorithms, Database Systems, Software Testing, Computer Systems

Clubs and Activities: Husky Competitive Programming Club (HCP), Northeastern Mathematics Club, Oasis Northeastern, Intramural Pickleball and Tennis

Technical Skills

Languages: Python, Java, Java Script, C#

Tools: Visual Studio Code, IntelliJ, Git, Jenkins, DOCKER, ASP.NET

Operating System: MacOS, Windows, Linux Ubuntu

RELATED EXPERIENCE

Software Development Intern, CloudSecure Tech

June 2024 - August 2024

- Contributed to Backend services using C#/.NET Core
- Implemented CI/CD workflows, reducing deployment time by 30%

Research Assistant, Embedded Systems, Rutgers University

June 2023 - August 2023

- Developed and optimized applications for embedded systems, focusing on real time data processing and hardware communication
- Designed and implemented Restful Api using ASP.NET Core to enable seamless data exchange between IoT devices and cloud-based applications
- Assisted in the design and simulation of embedded firmware using C# and python, ensuring real-time execution and power efficiency

PROJECT EXPERIENCE

“Automated Log Analyzer” | C#, .NET

September 2023 - December 2024

- Developed a log analysis tool that parses and categorizes system logs from cloud services
- Implemented a multi-threading in C# to process large log files efficiently, reducing analysis time by 40%

“Smart Task Scheduler” | Jenkins, Docker

January 2024 - May 2024

- Created an intelligent task scheduler for an automated job execution in CI/CD environments
- Developed a priority-based scheduling algorithm to optimize task execution in Dockerized environments
- Integrated with Jenkins pipelines, enabling automation deployment scheduling for software projects.

INTERESTS

Multilingual | Swimming | Space travel and Rockets | Learning new Programming Languages | Cooking